

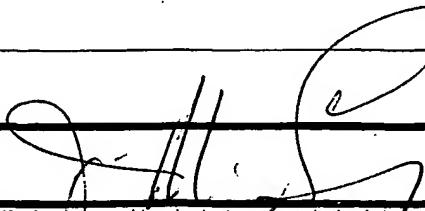
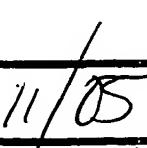
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Substitute for form 1449B/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	Unassigned
Date Submitted: JUL 21 2003 (use as many sheets as necessary)				Filing Date	JUL 21 2003
				First Named Inventor	Takashi TAKAHASHI
				Group Art Unit	Unassigned 1774
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	017498-0168

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	5,116,644		ASAHI ET AL.	05/26/1992	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY		
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A2	JP	1-312501	A	ASAHI OPTICAL CO., LTD.	12/18/1989		Abstract
	A3	JP	60-068319	A	TORAY KK	04/18/1985		Abstract
	A4	JP	63-038905	A	TORAY IND. INC.	02/19/1988		Abstract
	A5	JP	2-019801	A	ASAHI GLASS CO. LTD.	01/23/1990		Abstract
	A6	JP	7-294706	A	MATSUSHITA ELECTRIC IND CO.	11/10/1995		Abstract
	A7	JP	2001-305302	A	ASAHI OPTICAL CO., LTD.	10/31/2001		Abstract
	A8	JP	2002-107502	A	SEIKO EPSON CORP.	04/10/2002		Abstract
	A9	JP	58-223639	A	FUJITSU KK	12/26/1983		Abstract
	A10	JP	7-157338	A	MATSUSHITA ELECTRIC WORKS	06/20/1995		Abstract
	A11	JP	6-085011	B2	ASAHI CHEM IND. CO., LTD.	10/26/1994		Abstract
	A12	JP	7-119842	B2	SEIKO EPSON CORP.	12/20/1995		Abstract

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ⁶

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¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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